

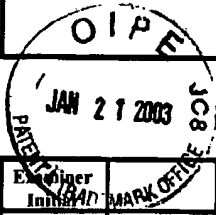
Part of #6

OMB No. 0651-0011

Page 1 of 1

**INFORMATION
DISCLOSURE
STATEMENT**

City. Docket No.: 110.01760101 Serial No.: 10/081,176
 Applicant(s): Iwao Iwasaki Confirmation No.: 2734
 Application Filing Date: February 22, 2002 Group: 3653
 Information Disclosure Statement mailed: 1-15-03



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U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

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FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No

OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)

Examiner Initial	Document Description
✓ JKL	Ersayin et al., "Magnetically Enhanced Hydroseparator," <i>Minerals and Metallurgical Processing</i> , November 2002, 19(4):187-191

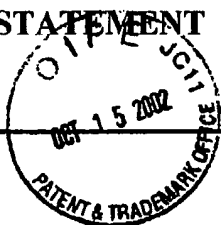
EXAMINER T. Lithger	Date Considered 6/2004
<small>*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>	

Part of #5

OMB No. 0651-0011

Page 1 of 1

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Examiner Initial	Document Description
✓ JH	Ersayin et al., "Magnetic field application in cationic silica flotation of magnetic taconite concentrates," <i>Minerals and Metallurgical Processing</i> , 2002 August; 19(3):148-153

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EXAMINER <i>T. Lithgo</i>	Date Considered <i>6/2004</i>
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AUG 29 2002

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Serial No.: 10/081,176

Applicant: Iyao Iwasaki

Confirmation No.: 2734

Application Filing Date: Feb. 22, 2002

Group: 3653

Information Disclosure Statement mailed: Aug. 26, 2002

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Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
DS	2,364,777	12/12/44	Brown et al.	/	/	
	2,364,778	12/12/44	Brown et al.	/	/	
	2,450,720	10/05/48	De Vaney	/	/	
	2,468,586	04/26/49	Braund	/	/	
	3,292,780	12/20/66	Frommer et al.	/	/	
	4,186,087	01/29/80	Kato	/	/	
	4,192,738	03/11/80	Colombo et al.	/	/	
	4,298,169	11/03/81	Iwasaki	/	/	
	4,301,973	11/24/81	Lai	/	/	
	4,643,822	02/17/87	Parsonage	/	/	
	4,735,707	04/05/88	Bustamante	/	/	
	5,307,938	05/03/94	Lillmars	/	/	
	5,507,393	04/16/96	Yang	/	/	
	5,551,574	09/03/96	Hicks et al.	/	/	
	6,056,125	05/02/00	Lai et al.	/	/	
DS	6,273,265 B1	08/14/01	Greenwalt	/	/	

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Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
	None					Yes	No

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OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)

Examiner Initial	Document Description
df	Arbiter et al., "Attritioning and Conditioning in Spodumene Flotation," <i>Quarterly of the Colorado School of Mines</i> , 1961 July; 56(3): 321-332.
	Ersayin et al., "Magnetically Enhanced Hydroseparator," MEGS, 2001, Falmouth, UK, June 19-21, 2001, presentation slides and abstract, 25 pgs.
	Iwasaki, "Design of a Magnetic Field Distribution Device for Application in Hydroseparators and Flotation Cells," Progress Report No. 2, Coleraine Minerals Research Laboratory, Natural Resources Research Institute, Univ. of Minnesota-Duluth, CMRL/TR-01-06, NRRI/TR-2001/16, 2001 May 2 (released to public 27 Feb. 2002); 10 pgs.
	Iwasaki et al., "Effect of Magnetizing/ Demagnetizing on Cationic Silica Flotation Under a Magnetic Field," Final Report, Coleraine Minerals Research Laboratory, Natural Resources Research Institute, Univ. of Minnesota-Duluth, CMRL/TR-01-20, NRRI/TR-2002/04, 2001 Oct. 17 (released to public 27 Feb. 2002); 8 pgs.
	Iwasaki et al., "Magnetic Field Application in Cationic Silica Flotation," Final Report, Coleraine Minerals Research Laboratory, Natural Resources Research Institute, Univ. of Minnesota-Duluth, CMRL/TR-01-04, NRRI/TR-2001/14, 2001 May 4 (released to public 27 Feb. 2002); 1-39.
	Iwasaki et al., "Magnetic field application in hydroseparators," Final Report with Addendum, Coleraine Minerals Research Laboratory, Natural Resources Research Institute, University of Minnesota-Duluth, CMRL/TR-01-04, NRRI/TR-2001/14, 2001 Apr. 25; addendum dated 2001 May 25 (released to public 27 Feb. 2002); 43 pgs.
	Iwasaki et al., "Magnetic Field application in hydroseparators and flotation cells," Progress Report No. 1, Coleraine Minerals Research Laboratory, Natural Resources Research Institute, Univ. of Minnesota-Duluth, CMRL/TR-0012, NRRI/TR-2000/38, 2001 Aug. 10 (released to public 27 Feb. 2002); 22 pgs.
	Quarterly Report, Natural Resources Research Institute, Oct.-Dec. 2000; 1 pg.
	Quarterly Report, Natural Resources Research Institute, Jan.-Mar. 2001; 1 pg.
df	Quarterly Report, Natural Resources Research Institute, Apr.-June 2001; 1 pg.

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✓	Roe, <i>Iron Ore Beneficiation</i> , Minerals Publishing Co., Lake Bluff, Ill., 1957; 159.
✓	Roe, "The Magnetic Reflux Classifier," <i>Mining Engineering</i> , 1953 Mar.; 5:312-315.
✓	Seetharama et al., "Part 1: Magnetite Depressant Reagent Development. Section 4: Effect of Magnetic Fields in the Flotation of Magnetic Concentrates," <i>Investigation into Production of Iron Ore Concentrates wiht Less Than 3 Percent Silica from Minnesota Taconites</i> , Final Report to the State of Minnesota and the American Iron and Steel Institute, Department of Civil and Mineral Engineering, Univ. of Minnesota, Minneapolis, MN, 1991 Oct. 15; 31 pgs.
✓	2002 SME Annual Meeting & Exhibit, Technical Program 2002 Feb. 25-27 (available to public Nov. 2001); Phoenix, AZ, (2 pgs.).
✓	Sonolikar et al., "Chapter 33: Effect of Magnetic Field on Column Flotation of Ore Containing Magnetic Content," <i>Column Flotation '88</i> , Sastry Ed., SME Annual Meeting, Phoenix, AZ, January 25-28, 1988; 299-304.
✓	Wu et al., "The Flotation of Taconite in a Magnetic Field," Proceedings of 68 th Annual Meeting, Minnesota Section SME, and 56 th Mining Symposium, Univ. of Minnesota, Center for Professional Development, Univ. of Minnesota-Duluth, 1995 Jan. 24-26; 245-256.

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